

# INTERNATIONAL SEARCH REPORT

Internal Application No

PCT/IB 03/05751

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H03D7/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	RUDELL J C ET AL: "A 1.9-GHZ WIDE-BAND IF DOUBLE CONVERSION CMOS RECEIVER FOR CORDLES TELEPHONE APPLICATIONS" IEEE JOURNAL OF SOLID-STATE CIRCUITS, IEEE INC. NEW YORK, US, vol. 32, no. 12, 1 December 1997 (1997-12-01), pages 2071-2088, XP000767456 ISSN: 0018-9200 page 2078, column 2, line 3 -page 2080, column 2, line 29; figure 12	1-5
Y	GB 2 319 372 A (NIPPON ELECTRIC CO) 20 May 1998 (1998-05-20) page 21, line 15 -page 22, line 9; figure 5	1,3,5
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

5 March 2004

Date of mailing of the international search report

11/03/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	JP 2002 135057 A (MATSUSHITA ELECTRIC IND CO LTD) 10 May 2002 (2002-05-10) figure 2	2,4
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A	EP 1 067 673 A (INFINEON TECHNOLOGIES AG) 10 January 2001 (2001-01-10) column 3, line 49 -column 5, line 4; figure 1	1
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A	EP 0 711 031 A (BELL TELEPHONE MFG ;ALCATEL NV (NL)) 8 May 1996 (1996-05-08) column 5, line 5 -column 6, line 54; figure 2	1
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